

Please amend the claims as follows:

1. (Four Times Amended) An organic waveguide comprising:

a substrate;

a buffer layer over the substrate;

D¹ a core section over the buffer layer, the core section being made of organic polymer; and

a clad section covering an upper surface of the core section and made of inorganic dielectric having a lower refractive index than that of the core section, the inorganic dielectric consisting essentially of silicon oxide, and the clad section has substantially the same shape and closely conforms to the core section.

52. (Twice Amended) An optical part, which comprises:

an organic waveguide; and

an optical element selected from the group consisting of a photo-emitting element, a photo-receptive element and a lens, wherein the organic waveguide and the optical element are formed on a single substrate,

D² and the organic waveguide comprises:

a buffer layer over the substrate;

a core section over the buffer layer, the core section being made of organic polymer; and

a clad section covering an upper surface of the core section and made of an inorganic dielectric having a lower refractive index than that of the core section,

the inorganic dielectric consisting essentially of silicon oxide, and the clad section

D2
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has substantially the same shape and closely conforms to the core section.

Attached hereto is a marked-up version of the changes made to the application by this Amendment.